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| M A T E R I A L   S A F E T Y   D A T A   S H E E T |
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| SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION |
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PRODUCT NAME : CHESTNUT BROWN 9703735  
 IDENTIFICATION NUMBER: V7774 504  
 DATE PRINTED : 12/08/97

PRODUCT USE/CLASS : STOPS RUST PAINT

SUPPLIER:

Rust-Oleum Corporation  
 11 Hawthorn Parkway  
 Vernon Hills, Illinois  
 60061 USA

MANUFACTURER:

Rust-Oleum Corporation  
 11 Hawthorn Parkway  
 Vernon Hills, Illinois  
 60061 USA

(847) 367-7700 Rust-Oleum Corp.  
 Mon.-Fri, 8:00 AM-4:30 PM

(847) 367-7700 Rust-Oleum Corp.  
 Mon.-Fri, 8:00 AM-4:30 PM

PREPARER: LJW, PHONE: , PREPARE DATE: 06/11/97

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| SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS |
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| ITEM | CHEMICAL NAME          | CAS NUMBER | WT/WT %<br>LESS THAN |
|------|------------------------|------------|----------------------|
| 01   | Stoddard Solvent       | 8052-41-3  | 25.0 %               |
| 02   | Magnesium Silicate     | 14807-96-6 | 20.0 %               |
| 03   | Titanium Dioxide       | 13463-67-7 | 5.0 %                |
| 04   | 1,2,4-TRIMETHYLBENZENE | 95-63-6    | 5.0 %                |
| 05   | 1,3,5-TRIMETHYLBENZENE | 108-67-8   | 5.0 %                |
| 06   | Cobalt Drier           | 136-52-7   | 1.0 %                |

| EXPOSURE LIMITS |          |          |          |             |         |      |
|-----------------|----------|----------|----------|-------------|---------|------|
|                 | ACGIH    |          | OSHA     |             | COMPANY |      |
| ITEM            | TLV-TWA  | TLV-STEL | PEL-TWA  | PEL-CEILING | TLV-TWA | SKIN |
| 01              | 100ppm   | N.E.     | 100ppm   | N.E.        | N.E.    | NO   |
| 02              | 10mg/m3  | N.E.     | 15mg/m3  | N.E.        | N.E.    | NO   |
| 03              | 10 mg/m3 | N.E.     | 15 mg/m3 | N.E.        | N.E.    | NO   |
| 04              | 25 PPM   | N.E.     | N.E.     | N.E.        | N.E.    | NO   |
| 05              | 25 PPM   | N.E.     | N.E.     | N.E.        | N.E.    | NO   |
| 06              | N.E.     | N.E.     | N.E.     | N.E.        | N.E.    | NO   |

(See Section 16 for abbreviation legend)

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| SECTION 3 - HAZARDS IDENTIFICATION |  
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\*\*\* EMERGENCY OVERVIEW \*\*\*: Harmful if swallowed. Causes (target organ or system) damage. Causes eye irritation. Vapors irritating to eyes and respiratory tract. Combustible liquid and vapor.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. May cause headaches and dizziness.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black. Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4-"not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula.

PRIMARY ROUTE(S) OF ENTRY: INHALATION EYE CONTACT

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| SECTION 4 - FIRST AID MEASURES |  
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FIRST AID - EYE CONTACT: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give

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| SECTION 4 - FIRST AID MEASURES |  
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anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

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| SECTION 5 - FIRE FIGHTING MEASURES |  
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FLASH POINT: 102 F

LOWER EXPLOSIVE LIMIT: 0.9 %

UPPER EXPLOSIVE LIMIT: 6.4 %

AUTOIGNITION TEMPERATURE: ND

EXTINGUISHING MEDIA: DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance.

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| SECTION 6 - ACCIDENTAL RELEASE MEASURES |  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

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| SECTION 7 - HANDLING AND STORAGE |  
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HANDLING: Wash thoroughly after handling. Wash hands before eating. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Avoid contact with eyes.

STORAGE: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Keep away from heat, sparks, flame and sources of ignition. Keep container closed when not in use.

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| SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION |  
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ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA

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| SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION |  
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1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking.

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| SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES |  
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|   |                |                   |                       |
|---|----------------|-------------------|-----------------------|
| BOILING RANGE                             | : 318 - 383 F  | VAPOR DENSITY     | : Is heavier than air |
| ODOR                                      | : SOLVENT-LIKE | ODOR THRESHOLD    | : ND                  |
| APPEARANCE                                | : LIQUID       | EVAPORATION RATE: | Is slower than Ether  |
| SOLUBILITY IN H2O                         | : SLIGHT       |                   |                       |
| FREEZE POINT                              | : ND           | SPECIFIC GRAVITY: | 1.1900                |
| VAPOR PRESSURE                            | : ND           | pH @ 0.0 %        | : ND                  |
| PHYSICAL STATE                            | : LIQUID       | VISCOSITY         | : ND                  |
| COEFFICIENT OF WATER/OIL DISTRIBUTION: ND |                |                   |                       |

(See Section 16 for abbreviation legend)

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| SECTION 10 - STABILITY AND REACTIVITY |  
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CONDITIONS TO AVOID: Avoid all possible sources of ignition.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS: By open flame, carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

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| SECTION 10 - STABILITY AND REACTIVITY |  
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STABILITY: This product is stable under normal storage conditions.

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| SECTION 11 - TOXICOLOGICAL PROPERTIES |  
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## COMPONENT TOXICOLOGICAL INFORMATION:

| ----- CHEMICAL NAME ----- | ----- LD50 ----- | ----- LC50 ----- |
|---------------------------|------------------|------------------|
| Stoddard Solvent          | 4900mg/kg (rat)  | N.E.             |
| Magnesium Silicate        | None             | None             |
| Titanium Dioxide          | 24000mg/kg Rats  | 6820mg/m3 Rats   |
| 1,2,4-TRIMETHYLBENZENE    | N.E.             | RAT 18G/M^3 4HR  |
| 1,3,5-TRIMETHYLBENZENE    | RAT 1303MG/KG    | RAT 24MG/M^3 4HR |
| Cobalt Drier              | NA               | NA               |

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| SECTION 12 - ECOLOGICAL INFORMATION |  
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ECOLOGICAL INFORMATION: Product is a mixture of listed components.

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| SECTION 13 - DISPOSAL CONSIDERATIONS |  
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DISPOSAL METHOD: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

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| SECTION 14 - TRANSPORTATION INFORMATION |  
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No transportation information is available.

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| SECTION 15 - REGULATORY INFORMATION |  
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## U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

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| SECTION 15 - REGULATORY INFORMATION |  
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CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

| ----- CHEMICAL NAME ----- | CAS NUMBER | WT/WT % IS LESS THAN |
|---------------------------|------------|----------------------|
| 1,2,4-TRIMETHYLBENZENE    | 95-63-6    | 5.0 %                |
| XYLENE                    | 1330-20-7  | 1.0 %                |
| ETHYLBENZENE              | 100-41-4   | 1.0 %                |
| N-BUTANOL                 | 71-36-3    | 0.1 %                |

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

| ----- CHEMICAL NAME -----    | CAS NUMBER |
|------------------------------|------------|
| No information is available. |            |

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

| ----- CHEMICAL NAME ----- | CAS NUMBER |
|---------------------------|------------|
| Alkyd Resin-TRADE SECRET  | MIXTURE    |
| Alkyd Resin               | 66070-60-8 |
| Barium Sulfate            | 7727-43-7  |

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

| ----- CHEMICAL NAME ----- | CAS NUMBER |
|---------------------------|------------|
| Alkyd Resin-TRADE SECRET  | MIXTURE    |
| Alkyd Resin               | 66070-60-8 |
| Barium Sulfate            | 7727-43-7  |

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| SECTION 15 - REGULATORY INFORMATION |  
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CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME ----- CAS NUMBER  
No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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| SECTION 16 - OTHER INFORMATION |  
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HMIS RATINGS - HEALTH: FLAMMABILITY: REACTIVITY:

PREVIOUS MSDS REVISION DATE: 06/09/97

LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

: No Information.

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The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.  
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